

# SDL-C0239

## DENTAL UNIT



# SDL-C0239

## FEATURES AND HIGHLIGHTS

### Technical parameters

▪ Power supply	220V 50Hz
▪ Input power	1100VA
▪ Gas pressure	0.55-0.8 Mpa / 5.5-8.0 bar
▪ Water pressure	0.2-0.4 MPa / 2.0-4.0 bar
▪ Heater	24V, 80VA
▪ External Size	L x W x H 1870 mm×850 mm×2170 mm
▪ Height adjustment	390 mm~710 mm
▪ Backrest adjustment	-5°~80°
▪ Balance arm rotating angle	320°
▪ Moving up/down range	440 mm
▪ Instrument arm angle	90°
▪ Light arm angle	300°
▪ Moving range up and down	≥560 mm
▪ Handpieces tube flow	When the water pressure is 0.22MPa, the tube flow ≥30L/ min
▪ Handpieces revolving speed	≥320000r/min
▪ Strong suction	When the air pressure is 400kPa, the vacuum degree ≥ 25kPa;
▪ Weak suction	When the water pressure is 200kPa, the vacuum >10kPa
▪ LED film viewer	The color temperature >6500K and the brightness >2000cd/m2
▪ LED dental Light	Induction switch, illumination: 10000-30000luX, color temperature 5000K
▪ Package size	L1450mm*W1030mm*H1250mm
▪ Weight	Gross weight: 225KG; Net weight: 190KG



**Design**

Designed for simple operation, integrated solutions, smooth workflow, within a unique ergonomic patient chair. Ultra-low chair design, suited for patients of any height.



**Plastic Parts | Accessories**

The base is covered with new ABS engineering plastic, attractive and easy to clean. with swivel side Injection molding box, can be rotated 60°, freely and durable in use.



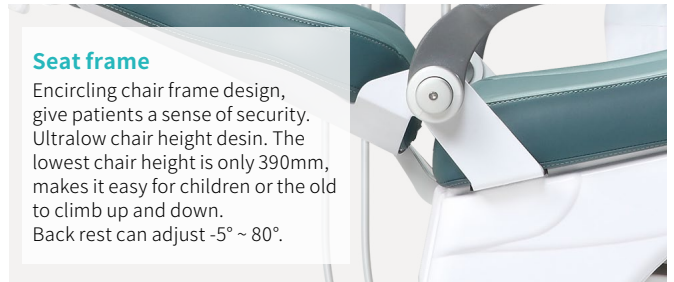
**Paint | color selection**

The cushion is filled with highly elastic foam and are perfect for all body shapes, keeping patients comfortable and relaxed during the long term treatment. A variety of colors are available.



**Seat frame**

Encircling chair frame design, give patients a sense of security. Ultralow chair height desin. The lowest chair height is only 390mm, makes it easy for children or the old to climb up and down. Back rest can adjust -5° ~ 80°.



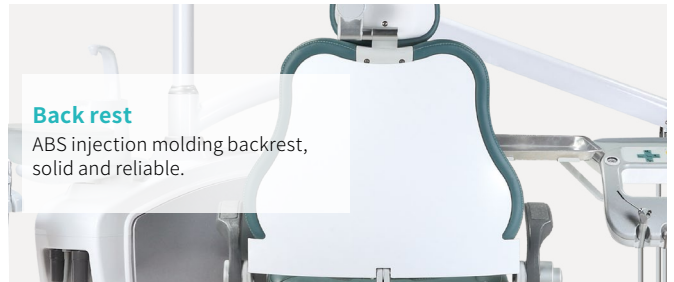
**seat**

8 cm thickened cushion with PU cover, filled with highly elastic foam and are perfect for all body shapes, keeping patients comfortable and relaxed during the long term treatment.



**Back rest**

ABS injection molding backrest, solid and reliable.



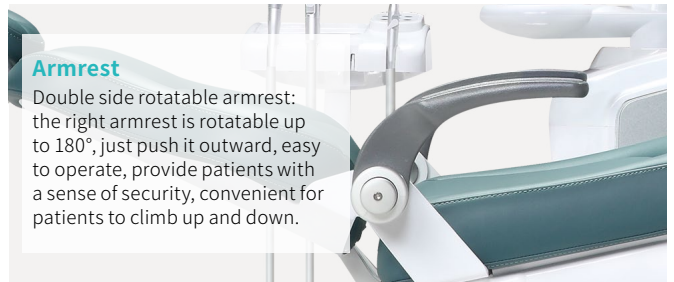
**Headrest adjustment**

Compared with traditional headrest, cambered headrest holds the head to prevent it from moving from side to side. The headrest adjusts freely for optimal patient positioning.



**Armrest**

Double side rotatable armrest: the right armrest is rotatable up to 180°, just push it outward, easy to operate, provide patients with a sense of security, convenient for patients to climb up and down.



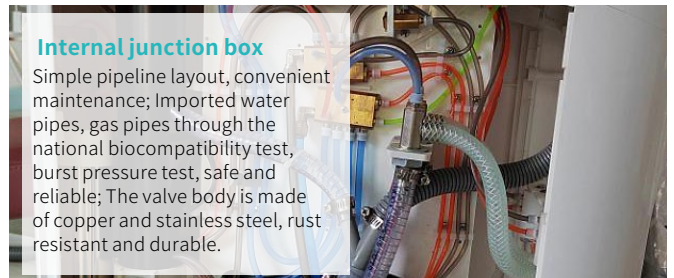
**Side box**

The main box can be flexibly rotated ≤60° during treating.



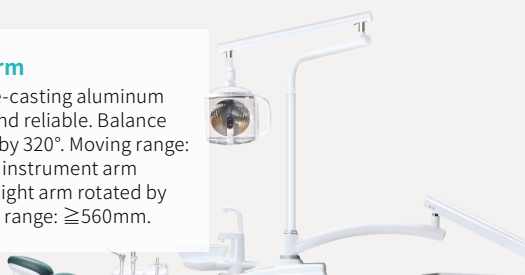
**Internal junction box**

Simple pipeline layout, convenient maintenance; Imported water pipes, gas pipes through the national biocompatibility test, burst pressure test, safe and reliable; The valve body is made of copper and stainless steel, rust resistant and durable.



### Balance arm

Precision die-casting aluminum alloy, solid and reliable. Balance arm rotated by 320°. Moving range: 440 mm; the instrument arm rotated 90°; light arm rotated by 300°, Moving range:  $\geq 560$ mm.



### Dental Light

Two-color LED dental light brings a lot to your practice. A clearer view of tooth surfaces. Reduced eyestrain. Less fatigue. With manual and induction switch, meet any conditions of use, provides a light intensity up to 30000 lux, color temperature 5000K, rotate by 300°.



### Master instrument table

The new Deluxe touchpad, rotatable instrument table, easily rotate around  $\geq 160^\circ$ . Five choices for delivery of your handpieces and accessories. Table top can hold surgical utensils, with removable and washable protective pads. Stainless steel instrument plate is added on the side for larger capacity and more convenient.



### Film viewer

The high quality viewing light is stable, improves the treatment efficiency of doctors. The color temperature  $>6500$ K and the brightness  $>2000$ cd/m<sup>2</sup>.



### Spittoon

Glass spittoon, beautiful and generous, rotation angle  $\geq 90^\circ$ . Keeping patients comfortable during treatment.



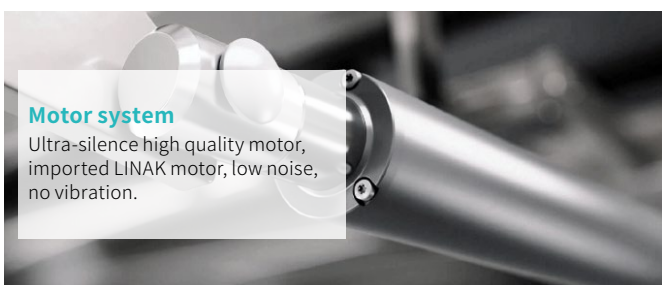
### Assistant console

Rotatable assistant console with four instrument positions, can be placed strong and weak saliva suction; smart touch control panel technology, high-end atmosphere.. Everything you need is easy to position and comfortably within reach.



### Motor system

Ultra-silence high quality motor, imported LINAK motor, low noise, no vibration.



### Foot switch

The foot switch with six function is convenient for doctor to use the normal functions of the device.



### Computer control system

Microcomputer control system controls the motor start and stop process, ensure smooth and comfortable in use. Operating system with self-check function, machine chair interlock function, more humanized, easier for later maintain. Three control points: master control, auxiliary control, foot control. Master control adds 9 memory bit function, more convenient for doctors to adjust the operating position.





## CONSTANT INNOVATION



Design



Research



Manufacturing



Maintenance



Service



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Company video



General catalogue